

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,243,761 B1
APPLICATION NO. : 09/690272
DATED : July 17, 2007
INVENTOR(S) : Jeffrey W. Pattee et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

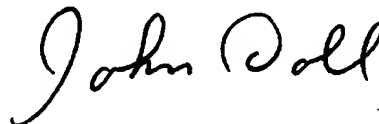
The title page showing the illustrative figure, should be deleted and substitute therefor the attached title page.

The sheet of drawing consisting of figure 3 should be deleted and substitute therefor the attached sheet.

Col. 3, line 25, after the sentence "As seen in FIG. 3, the first set of linking members 210 steers the pedal 160 into either the locked or unlocked positions." please insert -- The braking apparatus 100 is shown mounted to a medical device 102. --

Signed and Sealed this

Ninth Day of June, 2009



JOHN DOLL
Acting Director of the United States Patent and Trademark Office

(12) **United States Patent**
Pattee et al.

(10) **Patent No.:** **US 7,243,761 B1**
(45) Date of Patent: **Jul. 17, 2007**

(54) **RACHET LOCKING BRAKE FOR MEDICAL DEVICES**

(75) **Inventors:** **Jeffrey W. Pattee, Salt Lake City, UT (US); John M. Simmons, West Jordan, UT (US); David M. Robbins, Sandy, UT (US)**

(73) **Assignee:** **GE Medical Systems Global Technology Company, LLC, Waukesha, WI (US)**

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1471 days.

(21) **Appl. No.:** **09/690,272**

(22) **Filed:** **Oct. 17, 2000**

(51) **Int. CL**
B60T 1/14 (2006.01)

(52) **U.S. CL** **188/7; 188/5; 188/32**

(58) **Field of Classification Search** **188/5; 188/7, 2 F, 32, 23, 19, 20; 5/600; 296/20**
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,236,281 A * 3/1941 Anderson 188/5
 2,747,692 A * 5/1956 Holmes 188/5
 2,922,494 A * 1/1960 Clark, Jr. 188/5
 3,422,929 A * 1/1969 Oja et al. 188/5
 5,806,111 A * 9/1998 Heimbrock et al. 5/600

FOREIGN PATENT DOCUMENTS

JP 49-009888 A 1/1974

JP 63-150070 A 6/1988
 JP 01-167212 U 11/1989
 JP 04-331602 A 11/1992
 JP 05-065315 U 8/1993
 JP 06-005619 U 1/1994
 JP 06-048102 A 2/1994
 JP 09-140692 A 6/1997

OTHER PUBLICATIONS

PCT International Search Report PCT/US03/36255 (Aug. 4, 2004).

* cited by examiner

Primary Examiner—Thomas Williams

(74) *Attorney, Agent, or Firm*—McAndrews, Held & Malloy, Ltd.; Peter J. Vogel; Michael A. Dellapenna

(57) **ABSTRACT**

An apparatus is provided for securely positioning a medical device that prevents movement of one end of the device by applying a single force. The apparatus allows a doctor to depress a pedal, which is connected to a pedal housing by way of a single shaft. Connected to the ends of the shaft are two separate linkage members. The first linkage member is attached to a ratcheting mechanism that steers the pedal into the locked position. The second linkage member is connected to a cam within the pedal housing that drives a spring-loaded plunger assembly. When the pedal is in the locked position the plunger assembly is in contact with the floor, thereby preventing movement of the device. To release the braking device, the doctor depresses the pedal slightly, which causes the ratcheting mechanism to allow the pedal, and therefore the plunger assembly, to return to their unlocked positions.

8 Claims, 5 Drawing Sheets

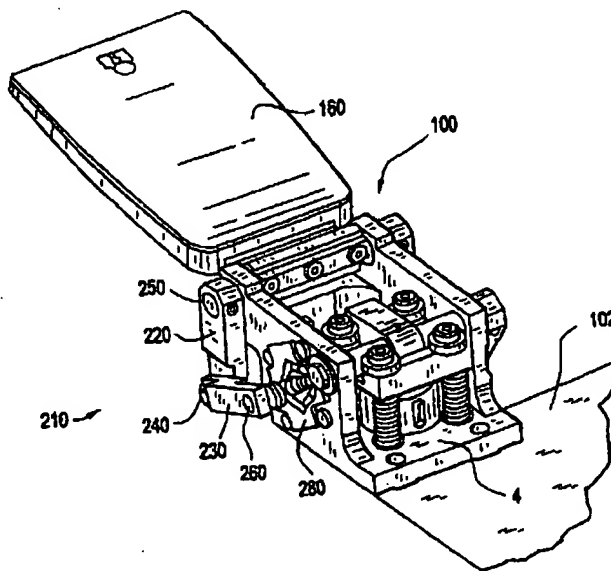


FIG. 3

